

H-K Building #: 27
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/28/89
 Inspector: MARK VOTH

ASBESTOS ASSES SURVEY

Building Number: 27
 Building Name: HOT WATER HOUSE
 SEATTLE, WASHINGTON 98134
 Building Type: PUMP HOUSE
 Year Constructed: UNKN

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 33%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
southwest corner-near small exchanger	00-356556	40%	pipe covering	OMA	1	ft. 4 in. O.D.	DW	22	III	\$9	\$6	\$15
near large exchanger-along ceiling	00-356556	40%	pipe covering	OMA	12	ft. 8 in. O.D.	DW	22	III	\$170	\$121	\$291
near large exchanger-near floor	00-356556	40%	pipe covering	OMA	23	ft. 10 in. O.D.	DW	22	III	\$434	\$321	\$755
near large exchanger-near floor	00-356556	40%	pipe covering	OMA	2	ft. 8 in. O.D.	DW	22	III	\$28	\$20	\$48
near large exchanger-along ceiling	00-356556	40%	pipe covering	OMA	10	ft. 10 in. O.D.	DW	22	III	\$189	\$140	\$329
near large exchanger-along ceiling	00-356560	40%	pipe covering	OMA	23	ft. 6 in. O.D.	HPS/R	22	III	\$299	\$187	\$486
S wall-above pumps & condensate tank	00-356560	40%	pipe covering	OMA	46	ft. 4 in. O.D.	HPS/R					
near large exchanger-near floor	00-356560	40%	pipe covering	OMA	22	ft. 4 in. O.D.	HPS/R	22	III	\$196	\$123	\$319
near large exchanger-along ceiling	00-356560	40%	pipe covering	OMA	12	ft. 4 in. O.D.	HPS/R	22	III	\$107	\$67	\$174
near large exchanger-along ceiling	00-356560	40%	pipe covering	OMA	1	ft. 8 in. O.D.	HPS/R	22	III	\$14	\$10	\$24
southwest corner-near small exchanger	00-356560	40%	pipe covering	OMA	22	ft. 4 in. O.D.	HPS/R	22	III	\$196	\$123	\$319
near large exchanger-near floor	01-356557	45%	mjp on pipe covering	OMA	1	8 in. O.D.	DW	22	III	\$48	\$28	\$76
southwest corner-near small exchanger	01-356557	45%	mjp on pipe covering	OMA	5	4 in. O.D.	DW	22	III	\$140	\$78	\$218
near large exchanger-along ceiling	01-356557	45%	mjp on pipe covering	OMA	3	8 in. O.D.	DW	22	III	\$144	\$85	\$229
near large exchanger-along ceiling	01-356557	45%	mjp on pipe covering	OMA	2	10 in. O.D.	DW	22	III	\$125	\$78	\$203
near large exchanger-near floor	01-356557	45%	mjp on pipe covering	OMA	4	10 in. O.D.	DW	22	III	\$250	\$156	\$406
	01-356558	50%						22	III			
	01-356559	15%						22	III			
near large exchanger-along ceiling	02-356561	6%	mjp on pipe covering	OMA	7	4 in. O.D.	HPS/R	22	III	\$197	\$109	\$306
S wall-above pumps & condensate tank	02-356561	6%	mjp on pipe covering	OMA	8	4 in. O.D.	HPS/R	22	III	\$225	\$125	\$350
near large exchanger-near floor	02-356561	6%	mjp on pipe covering	OMA	11	4 in. O.D.	HPS/R	22	III	\$309	\$172	\$481
southwest corner-near small exchanger	02-356561	6%	mjp on pipe covering	OMA	10	4 in. O.D.	HPS/R	22	III	\$281	\$156	\$437
near large exchanger-along ceiling	02-356561	6%	mjp on pipe covering	OMA	5	6 in. O.D.	HPS/R	22	III	\$193	\$114	\$307
	02-356562	20%						22	III			
	02-356563	2%						22	III			
northwest corner-near floor	03-356564	0%	mjp on non-suspect pipe cover	OMA	2	4 in. O.D.	DW					
	03-356565	0%										
	03-356566	0%										
near center-above pump	04-356567	30%	boiler/tank insulation	OMB	70	sq.ft.		22	III	\$1,978	\$1,584	\$3,562
	04-356568	45%						22	III			
	04-356569	50%						22	III			
southwest corner-on wall	05-356570	0%	boiler/tank insulation	OMB	8	sq.ft.						
	05-356571	0%										
	05-356572	0%										

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AREA COMMENTS

The materials are in good to fair condition with minor contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 01	TOTAL	\$5,532	\$3,803	\$9,335
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